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UTILITY PATENT APPLICATION TRANSMITTAL
(Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 49899(904)

Total Pages in this Submission 69

TO THE ASSISTANT COMMISSIONER FOR PATENTS

| | | | atent Application ngton, D.C. 20231 | | |
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| Transmitted here | | 5 U.S.C. 111(a) | and 37 C.F.R. 1.53 | (b) is a new utility patent ap | plication for an |
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| Enclosed are: | | | | | |
| | | Appli | cation Elements | | |
| 1. 🛭 Filin | ig fee as calculated and | d transmitted as | described below | | |
| 2. 🛛 Spe | cification having | 57 | pages and ir | ncluding the following: | |
| a. 🛚 | Descriptive Title of the | e Invention | | | |
| b. 🗆 | Cross References to | Related Applica | tions (if applicable) | | |
| c. 🗀 | Statement Regarding | Federally-spon | sored Research/De | velopment (if applicable) | |
| d. 🔲 | Reference to Microfic | he Appendix (if | applicable) | | |
| e. 🛚 | Background of the Inv | vention | | | |
| f. 🛛 | Brief Summary of the | Invention | | | |
| g. 🛛 | Brief Description of th | e Drawings <i>(if a</i> | Irawings filed) | | |
| h. 🛚 | Detailed Description | | | | |
| i. 🛚 | Claim(s) as Classified | Below | | | |
| j. 🛛 | Abstract of the Disclo | sure | | | |
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UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 49899(904)

Total Pages in this Submission 69

| Application Elements (Continued) | | | | | | | | |
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| 4. | × | Oat | th or Declaration | | | | | |
| | a. | X | Newly executed (or | iginal or copy) | Une | executed | | |
| | b. | | Copy from a prior a | pplication (37 CFR 1.6 | 3(d)) <i>(1</i> | or continuation/divis | sional application only | () |
| | C. | \boxtimes | With Power of Attor | ney 🗌 Without F | ower | of Attorney | | |
| | d. | | | ttached deleting invent | or(s) n | amed in the prior | application, | |
| 5. | | Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. | | | | | | |
| 6. | | Computer Program in Microfiche (Appendix) | | | | | | |
| 7. | | Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included) | | | | | | |
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| | C. | | Statement Verifying | Identical Paper and C | omput | er Readable Copy | • | |
| | Accompanying Application Parts | | | | | | | |
| 8. | X | Assignment Papers (cover sheet & document(s)) | | | | | | |
| 9. | | 37 CFR 3.73(B) Statement (when there is an assignee) | | | | | | |
| 10. | | English Translation Document (if applicable) | | | | | | |
| 11. | × | Information Disclosure Statement/PTO-1449 Copies of IDS Citations | | | | | | |
| 12. | | Pre | liminary Amendment | | | | | |
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| | Accompanying Application Parts (Continued) | | | | | | | | | |
| 15 | . X | Certified Co | opy of Priority I | Document(s) (if fo | oreign priority | is claim | ned) | | | |
| | | Certifie | d Copy of J | apanese Pater | nt Applica | tion N | No. 11-16 | 3135, Filed | 6/9/99 | |
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Dated: June 8, 2000

CC:

pursuant to 37 C.F.R. 1.311(b).

David G. Conlin Reg. No. 27026

Dike, Bronstein, Roberts & Cushman, LP

Signature

130 Water Street Boston, MA 02109 617-523-3400

☑ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.

Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance,

| CERTIFICATE OF | MAILING BY "EXPRESS I | MAIL" (37 CFR 1.10) | Docket No. |
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